

AA *1 - Aug. 26th
to
AA *22 - Sept. 14th
1899.

Hyp. 3778-3794. D: 3681-3684.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Correction Table

Date 22 Aug. 1999.

Sigsbee Machine. Reel. Navy * 1.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Measur. Made

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Measuring Sigsbee		0	1200	1184
0	0	100	50	1233
50	49	200	1300	1282
100	98	300	50	1331
50	148	400	1400	1379½
200	197	500	50	1428
50	246	600	1500	1477
300	296	700	50	1525½
50	346	800	00	1574½
400	395	900	50	1622½
50	445	1000	1700	1671
500	494	1100	50	1720
50	543½	1200	1800	1768
600	593	1300	50	1817
500	643	1400	1900	1865
700	692	1500	50	1913
800	742	1600	2000	1961
800	791	1700	50	2009
50	840½	1800	2100	2057½
900	881½	1900	50	2105½
50	939	2000	2200	2199
1,000	986	2100	50	2247
50	1037	2200	2300	2294½
1,100	86	2300	50	2347½
50	1135	2400	2400	2390

2450	2438 1/2		2500	3200	3164
2500	2486 -		2600	50	3198 33°
50	2534		2700	3300	3245
2606	2581		2800	50	3292
50	2629 1/2		2900	3400	3339 1/2
2700	2676		3000	50	3386
50	2724 1/2		3100	3500	3433
2800	A771 1/2		3200	50	3479 1/2
50	2819		3300	3600	3516 1/2
2900	2866		3400	50	3533 1/2
50	2914		3500	3700	3621
2960			3600	50	3667
50	3009		3700	3800	3713 1/2
3100	3036		3800	50	3760
50	3107		3900	3900	3807
			4000	50	3854

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

21 9 9 5
21 4 9 5

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

Measure Machine

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4000	3990	0	5000	5002
50	3946	100	50	5047
41 00	3993	200	53 00	5092
50	4040	300	50	5137
42 00	4085	400	54 00	5185
50	432	500	52	
43 00	4179	600	55 00	
50	4214	700	50	
44 00	4270	800	56 00	
50	431	900	50	
45 00	4263	1000	57 00	
50	4408	1100	50	
46 00	42457	1200	58 00	
50	4800	1300	50	
47 00	4154	1400	59 00	
50	4591	1500	50	
48 00	4637	1600	6000	
50	4683	1700		
49 00	4729	1800		
50	4774	1900		
50 00	4820	2000		
50	4865	2100		
51 00	4911	2200		
50	4956	2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Mesuron	Sighter	0		
0	0	100		
50	50	200		
100	150	300		
150	140' m	400		
200	149' m	500		
250	149 1/2	600		
300	279	700	1 1/2	
350	349	800	1 1/2	
400	398 1/2	900	1 1/2	
450	448 1/2	1000	1 1/2	
500	497	1100	1 1/2	
550	546 1/2	1200	1	
		1300		
		1400		
		1500		
		1600		
		1700	1 1/2	
		1800		
		1900	2	
		2000		
		2100	3	
		2200		
		2300	3 1/2	
		2400		

Measuring	Sigstar	2500		
600	596	2600	4	1/2
		2700		
650	648 1/2	2800	4 1/2	1/2
		2900		
700	694 1/2	3000	5 1/2	1
		3100		
750	748 1/2	3200	6 1/2	1
		3300		
800	798	3400	7	1/2
		3500		
850	842	3600	8	1
		3700		
900	891	3800	9	1
		3900		
950	939	4000	11	2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Measuring	Sigstar		
50	1000	99 1/2	12 1/2	1/2
100				
200	1050	1037	13	1/2
300				
400	1100	1086	14	1 Splice 1100
500				
600	1150	1135 1/2	14 1/2	1/2
700				
800	1200	1183 1/2	15 1/2	2
900				
1000	1250	1232	18	1 1/2

REMARKS:

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Measuring 1300	Sig. bsr 1280	0		
1350	132	100	20	v
1400	148 1/2	200	21	1
1450	1425 1/2	300	23	2
1500	1474	400		
		500	24 1/2	1 1/2
		600		
		700		
		800		
		900	26	1 1/2
		1000		
		1100	28	v
		1200		
1600	1570	1300	30	2
		1400		
		1500	32	v
		1600		
		1700	34	v
		1800		
1750	1714	1900	36	v
		2000		
1800	1761	2100	34 1/2	2 1/2
		2200		
1850	1810	2300	40	1 1/2
		2400		

Measuring Sigsbee

1900	18 5 8	2500	42	2
1950	19 0 6	2600		
2000	19 5 3 1/2	2700	44	2
2050	20 0 1 1/2	2800		
2100	20 5 1	2900	46 1/2	2 1/2
2150	20 9 7	3000		
2200	21 4 5	3100	44 1/2	2
2250	21 9 2	3200		
		3300	49	1/2
		3400		
		3500	53	4
		3600		
		3700	55	
		3800		
		3900	58	3
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Measure	Sigsbee		
50	23 00	20 89 1/2	60 1/2	2 1/2
100	23 50	22 97	63	4 1/2
200	24 00	23 35	65	2
300				
400	24 50	23 81 1/4	68 1/2	5 1/2
500				
600	24 50	24 77	70	1/2
700				
800	25 00	24 30	73	3
900				
1000	25 50	24 77	73	3

REMARKS:

14 11

No. _____ Date _____

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Measuring	Sighter	0		
26.40	26.24	100	75 1/2	2 1/2
26.50	25.75	200	79	3 1/4
		300		
		400		
		500		
		600		
		700	68	
		800		
		900		
		1000		
		1100	90	3
		1200		
		1300	73 1/2	1 1/2
		1400		
		1500	76 1/2	3
		1600		
		1700	79	3
		1800		
30.50	29.48	1900	102	3
		2000		
31.60	30.94	2100	105 1/2	3 1/2
		2200		
31.50	30.40	2300	109	3 1/2
		2400		

Measuring

32.00

32.50

33.0

33.5

34.0

34.5

35.0

35.5

36.0

36.5

37.0

37.5

38.0

38.5

39.0

39.5

40.0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

1.73

3

3.6

1

2

1

0

2

1

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			1.57 1/2	
50	36.00	34.60 1/2	137 1/2	
100				
200	36.50	35.07 1/2	142 1/2	
300				
400	37.00	35.53 1/2	146 1/2	
500				
600	37.50	36.00	150	
700				
800	38.00	36.47	153	3
900				
1000	38.50	36.92 1/2	157 1/2	11

REMARKS:

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Measuring 390.6	819.62 57.38 1/2	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		2-
		1800		
43.874	41.53	1900		
		2000		
440.0	41.99 1/2	2100		1
		2200		
441.0	42.45	2300		
		2400		

1150		2500		
1150		2600		
4550	3.1	2700		
4600		2800		
4		2900		
77		3000	18	d
118		3100	22	g
4400		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800	234.44	t
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				5 Splice 8040
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Measuring	Sighter	0		+ 7/8
		100	2 1/2	
		200		
	477 1/2	300	277 1/2	
		400		
		500	282	4 1/2
		600		
		700	288	5
		800		
		900	294 1/2	4 1/2
		1000		
	151 3/4	1100	290 1/2	Splice 544 1/2
		1200		
		1300	292	5 1/2
		1400		
	204 1/2	1500	309	6
		1600		
56 0 1/2	52 3 1/2	1700	314	6
		1800		
41 0 0	53 3 1	1900	319	5
		2000		
		2100	324 1/2	5 1/2
		2200		
57 0	57 0	2300	330	6 1/2
		2400		

		2500		
		2600		
		2700		
		2800	340	
		2900		
		3000	346	
		3100		
		3200	331	
		3300		
		3400	356	
		3500		
		3600	36.5	
		3700		
		3800	36.2 1/2	1/4
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Aug. 26th

Sighter

Machine.

Reel.

Turns 1764 Cor. +

Depth 1455

Shot or lead 60 ft.

Bottom

Bottom temperature 60°

No. of thermometer 78523, Cor.

Corrected temperature

Air

Surface 63

Drift

Trawl or dredge

Oil

Sand

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2,438.00	-	0	2,201.00	1,216.00
44.30	-	100	34.10	43.10
11.30	11.10	200	3.1	11.80
44.30	44.00	300	4.1	16.15
11.10	11.10	400	4.1	12.20
48.05	47.20	500	4.1	11.10
45.75	45.20	600	4.1	10.10
-0.35	71.40	700	4.1	9.10
11.60	11.10	800	-	-
12.80	12.20	900	-	-
11.00	11.20	1000	-	-
58.10	58.10	1100	-	-
56.35	57.15	1200	-	-
57.00	56.10	1300	-	-
54.15	55.00	1400	-	-
50.30	49.80	1500	-	-
45.10	45.10	1600	-	-
42.15	41.10	1700	-	-
45.05	44.00	1800	-	-
2000	-	-	-	-
2100	-	-	-	-
2200	-	-	-	-
2300	-	-	-	-
2400	-	-	-	-

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

(10.15)
 (17.61)
 (16.63)

SERIAL TEMPERATURES:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

100 fathoms 10.15 a wire 20 min
 200 min 17.61 a
 300 min 16.63 a
 thermometer - 71.63 a

507. 4768.5

No. 2204 Date 15645

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0	0	0	1250	
50		100	1300	
100		200	50	
150		300	1400	
200		400	50	
250		500	50	
300		600		
350		700	1600	
400		800	50	
450		900	1700	
500		1000	50	
550		1100	1700	
600		1200	50	
650		1300	1700	
700		1400	50	
750		1500	1700	
800		1600	50	
850		1700	1700	
900		1800	50	
950		1900	1700	
1000		2000		
1050		2100		
1100		2200		
1150		2300		
1200		2400		

Temp.	M.	Temp.	° M.
500		2500	3300
50		2600	50
500		2700	34.50
50		2800	60
500		2900	34.50
50		3000	60
200		3100	34.50
50		3200	60
500		3300	37.00
50		3400	60
500		3500	38.00
50		3600	60
500		3700	39.00
50		3800	60
500		3900	40.00
50		4000	60

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	9 ^c 57.20	
		100	-	
		200	-	
		300	-	
		400	12 - 6/0	
		500	16. 5	
		600	1 1/2	
		700	2 1/2	
		800	2 1/2	
		900	2 1/2	
		1000	3 0	
		1100	- 16	
		1200	2 1/2	
		1300	-	
		1400	-	
		1500	-	
		1600	-	
		1700	-	
		1800	-	
		1900	-	
		2000	-	
		2100	-	
		2200	-	
		2300	-	
		2400	-	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Wet-bulb abs 10.28
11.00

NOT.

No.

Date

Machine.

Recl.

Turns 1000 Cor. +

Depth

Shot or lead

16

Bottom

16

Bottom temperature

No. of thermometer

Cor. - 0.4

Corrected temperature 34.6

Air

Surface

Drift

Trawl or dredge 8 fms.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

10.20

10.20

0

10.20

10.20

13.20

13.21

100

14.31

15.10

11.10

11.11

200

11.59

11.7

10.10

10.11

300

13.6

13.7

9.10

9.15

400

11.10

12.20

8.10

8.15

500

11.10

12.15

7.10

7.15

600

11.10

12.36

6.10

6.15

700

16.20

16.35

5.10

5.11

800

11.10

11.31

4.10

4.6

900

11.10

11.36

3.10

3.5

1000

28.21

41.15

2.10

3.6

1100

29.01

31.7

1.10

3.2

1200

31.35

31.50

0.10

3.1

1300

31.35

31.5

-1.10

51.02

1400

31.35

7.37

-2.10

51.02

1500

31.35

3.6

-3.10

41.17

1600

31.35

7.37

-4.10

11

1700

31.35

3.6

-5.10

11

1800

31.35

11.18

-6.10

11

1900

31.35

11.18

-7.10

11

2000

31.35

11.18

-8.10

11

2100

31.35

5.8.47

-9.10

11

2200

31.35

5.3.29

-10.10

11

2300

11.0.11

46.02

-11.10

11

2400

0.0.0

39.55

* Stopped reel broke.

2500	05.25	35.39
2600	08.01	30.53
2700	12.00	25.48
2800	15.45	22.30
2900	18.39	19.15
3000	21.41	15.53
3100	21.24-10 21.27-05	11.55
3200	21.55	12.07.42
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COP. LINE.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. AAR — ^{cont'd} Date Aug 27, 1894
 Machine. Reel.

Turns 500 Cor. + Depth

Shot or lead 60 lb.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge 1.000 fms. 0.00

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	3 17.20	12.30
		100	21.41	32.27
		200	25.16	35.40
		300	28.31	44.02
		400	32.08	51.13
		500	35.46	54.10
350		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

NOT.

No. A112 ^{cont'd} Date Aug 27, 1894
 Machine. Reel. ✓

Turns 150 Cor. + Depth

Shot or lead 60 Lb.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Intermediate bottom

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	14- 19.10	46.05
		100	33.76	42.30
		50		
		200	25- 4- 39.26	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 300 Date Aug 25, 1899

Machine. Reel

Turns 350 Cor. + Depth

Shot or lead 60 lbs.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge 100 fms. 100 fms. 100 fms.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	34. { 24. 26.35 30.05	15.15 { 26.46 26.15
		100	34.17	11.52
		200	37.33	8.27
		300	40.35	5.05
		400	42.09	4 3.09
In wire		500		
Surface		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

24 -

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Correction Table
Built-up Reel

No. Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE		TURNS.	DREDGE ROPE	
UP.	DOWN.		UP.	DOWN.
0	0	0	1250	1171.5
50	46	100	1300	1219.5
100	92.5	200	50	1267
50	138.5	300	1400	1314
200	186	400	50	1362
50	232	500	1500	1409.5
300	278.5	600	50	1457
50	325.5	700	1600	1505
400	371	800	50	1552.5
50	418	900	1700	1600.5
500	465.5	1000	50	1648
50	512	1100	1800	1696.5
600	559	1200	50	1744
50	606	1300	1900	1792
700	653	1400	50	1840
50	700.5	1500	2000	1888
800	747	1600	50	1936.5
50	794	1700	2100	1985.5
900	841	1800	50	2032
50	888	1900	2200	2081
1000	935	2000	50	2129
50	982	2100	2300	2177.5
1100	1029	2200	50	2226.5
50	1077	2300	2400	2275.5
1200	1124	2400	50	2322.5

2500	2371	2500	
50	2420	2600	3250
2600	2469.	2700	3400
50	2517.5	2800	30
2700	2567	2900	3300
50	2616	3000	50
2800	2654.5	3100	3600
50	2713	3200	50
2900	2762.5	3300	3700
50	2812	3400	50
3000		3500	3800
50		3600	
3100		3700	
50		3800	
3200		3900	
50		4000	
3300			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Aug 29 1899

S. J. V. A.

Machine.

Reel.

Woolf 300.

Turns 2496 Cor. + 132 Depth 2628 fms

Shot or lead 60

Bottom 45 fm, 00% (bottom)

Bottom temperature 35°

No. of thermometer 7656 Cor. - 0.4

Corrected temperature 34.6

Air 69 Surface 60

Drift

Trawl or dredge Intermediate Open

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
10.00	9.00.00	0	31.00	10.30.00
11.00	07.50	100	28.00	8.00
12.00	06.50	200	26.00	9.00
13.00	05.50	300	24.00	8.00
14.00	04.02	400	21.00	7.00
15.00	04.02	500	21.50	7.50
16.00	03.00	600	20.50	6.00
17.00	02.00	700	19.50	5.00
18.00	01.00	800	18.50	4.00
19.00	00.00.01	900	18.00	3.00
20.00	159.67	1000	17.00	2.00
21.00	58.00	1100	16.00	1.00
22.00	57.00	1200	15.00	0.00
23.00	56.15	1300	14.00	-
24.00	55.74	1400	13.00	-
25.00	51.32	1500	12.00	-
26.00	52.35	1600	11.00	-
27.00	52.35	1700	10.00	-
28.00	51.35	1800	9.00	-
29.00	50.35	1900	8.00	-
30.00	49.35	2000	7.00	-
31.00	48.35	2100	6.00	-
32.00	47.35	2200	5.00	-
33.00	46.35	2300	4.00	-
34.00	45.35	2400	3.00	-

8.29.20	943	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Nine standard 12 times the same
Surface " 0.00 9.35.
" " 0.00 10.00
" " 0.00 10.03
" " 0.00 10.11

No.

Date Aug 20 19

Machine. Reel. 1000 ft.

Turns 600 Cor. + 134 Depth 2740 fms.

Shot or lead 60 pounds

Bottom Brown rock (volcanic)

Bottom temperature 35° F

No. of thermometer 78531 Cor. - 6

Corrected temperature 34.6

Air 68 Surface 70 Drift =

Trawl or dredge Intermediate 5700 fms

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

UP.

DOWN.	UP.		DOWN.	UP.
6.10 =	7.16.10	0	8-13.50	48.30
13.03	15.14	100	15.40	45.38
13.48	14.40	200	22.40	8- 42.25
14.33	14. =	300		
15.25	13.20	400	15.0 fms.	
16.13	12.15	500	400 fms.	
17.05	11.07	600		
18.21	10.01	700		
19.20	09.02	800		
20.19	08.10	900		
21.20	07.15	1000		
22.24	06.20	1100		
23.24	05.24	1200		
24.31	04.27	1300		
25.36	03.27	1400		
26.34	02.25	1500		
	7. 1.14	1600		
	58.14	1700		
27.14	57.38	1800		
28.30	56.36	1900		
	55.21	2000		
	54.17	2100		
29.30	52.59	2200		
30.54	51.34	2300		
38.21	50.09	2400		

		2500		
		2600		
		2700		
		2800	36.57	143
		2900	<u>26.06</u>	9
		3000	16.51	134
		3100		<u>26.06</u>
		3200		<u>27.40</u>
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Bottom 3000 fms

Instrumental log 6-13
in 8-48-30

SU 7, C. 4
No. AA 6 Date Aug. 31st 99.
Machine. Recl. Calif Coast W.

Turns. Cor. + Depth

Shot or lead 60 lb.

Bottom

Bottom temperature

No. of thermometer 78.5° Cor.

Corrected temperature

Air Surface 75° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

36.57

143

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

This sound was very faint, low
and short, like a small bell.
The air was cold
and there was a small
rain, wind and waves.

Stellwag C. Z. 85.4

No. 146 Date 11/21/99
 Sights Machine Reel. Unit No.
 Turns 2676 Cor. + 134 Depth 2810 fms.
 Shot or lead 60 ft C/L
 Bottom 14°C
 Bottom temperature 14°C
 No. of thermometer Cor.
 Corrected temperature
 Air 66 Surface 70.5 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21.55		0	010.10	010.10
14.85		100	10.00	10.15
31.55		200	06.10	07.00
21.55		250	0.00	10.35
31.55		300		
21.55		400		
31.55		500	150 fms. t.	
21.55		600		
31.55		700		
31.50		800		
23.05		900		
27.10		1000		
21.15		1100		
30.25		1200		
29.10		1300		
28.28		1400		
23.22		1500		
21.10		1600		
21.00		1700		
22.10		1800		
21.40		1900		
20.20		2000		
19.00		2100		
18.40		2200		
16.10		2300		
16.75		2400		

9. 6. 15	12.00	2500	
0' 30	17.20	2600	
0. 06. 20	9.11.30	2676 2748	
		2800	14.8
		2900	13.5
		3000	26.76
		3100	13.1
		3200	
		3300	
		3400	36.52
		3500	26.76
		3600	9.76
		3700	13.4
		3800	26.76
		3900	
		4000	28.10

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Water temp. 6.6
" " air in 10.10
" " in water 10.10

667

34.1

No. 11. N. Y. Date Aug 13,

Machine. Recl. 10.000. 13.000 up.

Turns 27445 Cor. + 136 Depth

Shot or lead 60 fms.

OK. C.P.

Bottom Och. brown

Bottom temperature 56 1/2

No. of thermometer 78.522 Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge 3 trawl dr. over.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.04	9.19	0	6.17	6.1
	6.51	100	6.35	6.82
	7.15	200	6.58	14.1.0
9.6. 22	6.45	250	6.63	9.2.3
9.7. 13	5.55	300	6.63	9.2.3
	5.55	400		
	5.15	500	150 fms.	
	4.15	600	Surface	
9.1	3.80	700		
	2.50	800		
	1.25	900		
	1.15	1000		
	1.15	1100		
	1.15	1200		
	1.15	1300		
16.30	5.67	1400		
17.33	3.3.1	1500		
1.39	5.67	1600		
19.49	5.57	1700		
20.56	5.145	1800		
22.09	4.4.1	1900		
23.25	4.9.14	2000		
	4.8.09	2100		
	4.8.09	2200		
	5.50	2300		
	5.50	2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

We failed to register.
At 8.45 A.M.

Surface net over 15 minutes.

" " m. q. 58.21

Temperature Wire on

No. H. 2. 3.

Date 1st Sept 1911.

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	Measure	0 08	625	633
	25	0 100	50	59
	50	0 200	75	85
	75	0 300	700	711
100	100	0 400	25	37
	125	0 500	50	63
	150	0 600	75	86
175	75	1 700	800	815
200	201	1 800	100	41
225	26	1 900	0	11
250	51	1 1000	75	11
275	16	1 1100	100	11
300	302	1 1200	25	46
325	27	1 1300	5	11
350	52	1 1400	75	97
375	77	1 1500	1000	1023
400	413	1 1600	25	49
425	1	1 1700	50	75
450	73	1 1800	75	1101
475	71	1 1900	1100	28
500	14	1 2000	25	55
525	39	1 2100	5	12
550	56	1 2200	60	1100
575	1	1 2300	5	12
600	60	1 2400	5	12

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Comparison Table

No. Date
 Sights Machine Reel. Built up -
 Turns Cor. + Depth
 Shot or lead
 Bottom
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
100	10	100.55	1	5
	2	200	2	260
3.2	2	300	3	310
4.03	2	400	4	410
5.15	2	500	5	510
	6	600	6	610
7.0	7	700	7	710
	8	800	8	810
9.13	13	900	9	910
10.16	17	1000	10	1010
	11.8	1100	11	1110
22.1	17	1200	12	1210
32.0	17	1300	13	1310
42.1	17	1400	14	1410
52.0	17	1500	15	1510
62.1	17	1600	16	1610
72.0	17	1700	17	1710
82.1	17	1800	18	1810
92.1	17	1900	19	1910
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	41.5	"		
50	2	"		
100	26.5	"		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date *Dept.* 9
 Machine. Reel.
 Turns Cor. + Depth
 Shot or lead
 Bottom
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air Surface Drift
 Trawl or dredge *Dredge*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

N.W. Lat. Log. 34.	
No. A. A. 8	Date Sept 17'
Machine #1	Reel. Built up
Turns	Cor. + Depth
Shot or lead	60 fms. down
Bottom	H.C.S.
Bottom temperature	
No. of thermometer	785.22 Cor.
Corrected temperature	
Air 71	Surface 76 Drift
Trawl or dredge	
SOUNDING WIRE.	
DOWN.	UP.
0	0.30
100	0.30
200	0.30
300	0.30
400	0.30
500	0.30
600	0.30
700	0.30
800	0.30
900	0.30
1000	0.30
1100	0.30
1200	0.30
1300	0.30
1400	0.30
1500	0.30
1600	0.30
1700	0.30
1800	0.30
1900	0.30
2000	0.30
2100	0.30
2200	0.30
2300	0.30
2400	0.30
DREDGE ROPE.	
DOWN.	UP.

26.10	3930	2500		
27.36	3200	2600		
28.	8.31.20	2624 2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

First thermometer, 78522.
F. 11° C. reading out

Patt Day 54.6

No. 889 Date Sept 3 1899
 Dredge Machine Reel. Built up -
 Turns 275 Cor. + 146 Depth 3.663
 Shot or lead 60 Lbs. OK
 Bottom H.C. 2
 Bottom temperature
 No. of thermometer 78.53 Cor.
 Corrected temperature
 Air 72 Surface 76 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN,	UP.
4 2-20	42.3	0		
4-15	43.11	100		
5-50	43.60	200		
5-45	41.30	300		
6-35	40.87	400		
7-37	39.45	500		
8-3	38.1	600		
9-5	37.06	700		
10-10	37.02	800		
11-11	36.7	900		
12-15	35.6	1000		
13-10	34.20	1100		
14-18	33.31	1200		
15-16	32.13	1300		
16-11	31.1	1400		
17-33	30.5	1500		
18-31	29.41	1600		
19-33	27.23	1700		
20-46	26.03	1800		
21-66	24.86	1900		
23-04	23.13	2000		
24-16	21-15	2100		
25-11	20.25	2200		
26-34	18.53	2300		
25-47	21.50	2400		
26-17	17.27			

3-21.12	15°	46.31	2500	
57-130.30	14°	43.27	2600	
57-31.51	13°	41.40	2700	
530.33.18	12°	37.51	2800	
533.23	11°	37.81	2857	
1.05	F.		2900	
5-5.15		10.30	2933	
			3000	
			2857	
			3100	
			3200	
			3300	
			3400	
			3500	
			3600	
			3700	
			3800	
			3900	
			4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

4-5.15 Command having in
5-5.15 Command having in
5-5.15 not done
5-10.30 Command having in
L54 every three, 78 min.
Cut off 30 fms. min.

Sept 10.

10 Date
Sigsbold Machine No. 1 Recd. 10/10/10
Turns 291 Cor. + 146 Depth 3083 fms.
Shot or lead 01C
Bottom 51' Drift
Bottom temperature
No. of thermometer 69 H 81 Cor.
Corrected temperature
Air 81 Surface 78 Drift
Trawl or dredge 5 1/2 ft

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
DOWN.	UP.		DOWN.	UP.	15
14.6	120	0	14.6	13.90	
14.0	10	100	14.20	14.45	
14.0	10	100	14.45	14.45	
14.0	10	200	14.45	14.45	
14.0	10	300	14.45	14.45	
14.0	10	400	14.45	14.45	
14.0	10	500	14.45	14.45	
14.0	10	600	14.45	14.45	
14.0	10	700	14.45	14.45	
14.0	10	800	14.45	14.45	
14.0	10	900	14.45	14.45	
14.0	10	1000	14.45	14.45	
14.0	10	1100	14.45	14.45	
14.0	10	1200	14.45	14.45	
14.0	10	1300	14.45	14.45	
14.0	10	1400	14.45	14.45	
14.0	10	1500	14.45	14.45	
14.0	10	1600	14.45	14.45	
14.0	10	1700	14.45	14.45	
14.0	10	1800	14.45	14.45	
14.0	10	1900	14.45	14.45	
14.0	10	2000	14.45	14.45	
14.0	10	2100	14.45	14.45	
14.0	10	2200	14.45	14.45	
14.0	10	2300	14.45	14.45	
14.0	10	2400	14.45	14.45	



Con. 1465
Stretched 53 fm

25	29.22	10.35
50	33.34	11.12
100	34.40	2. - 40
200	37.40	55.50
300	40.05	49.00
400	42.08	44.00
500	44.05	38.00
600	48.00	32.09
700	51.10	27.00
800	53.57	21.50
900	56.10	15.30
1000	56.30	—
1100	56.30	—
1200	56.30	—
1300	56.50	—
1400	56.50	—
1500	56.50	—
1600	56.50	—
1700	56.50	—
1800	56.50	—
1900	56.50	—
2000	56.50	—
2100	56.50	—
2200	56.50	—
2300	56.50	—
2400	56.50	—
2500	56.50	—
2600	56.50	—
2700	56.50	—
2800	56.50	—
2900	56.50	—
3000	56.50	—
3100	56.50	—
3200	56.50	—
3300	56.50	—
3400	56.50	—
3500	56.50	—
3600	56.50	—
3700	56.50	—
3800	56.50	—
3900	56.50	—
4000	56.50	—

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	Wire			
200	and			
300	Cylinder. Day			
400	146.30			
500	146.30			
600				
700				
800				
900				
1000				

REMARKS:

Wells between
63 m. { 110 m.
100 m. } 110 m.

1911 Parc 4.7

No. A.A. 11 Date 3/11/11
Machine #1 Reel. 5000
Turns 2510 Cor. + 136 Depth 26 fms.
Shot or lead 60 lb. OK
Bottom St. Burnt Coze 111 m.
Bottom temperature 75°
No. of thermometer 50465 Cor.

Corrected temperature

Air 73 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.10	13.10	0		
11.10	11.50	100		
12.40	10.50	200		
13.30	09.50	300		
14.10	08.40	400		
15.10	07.30	500		
16.10	06.50	600		
17.10	05.10	700		
18.10	03.80	800		
19.10	03.30	900		
20.10	01.30	1000		
21.10	00.20	1100		
22.10	59.20	1200		
23.10	58.10	1300		
24.10	57.00	1400		
25.10	55.50	1500		
26.10	54.45	1600		
27.10	53.30	1700		
28.10	52.30	1800		
29.10	51.30	1900		
30.10	50.50	2000		
31.10	48.45	2100		
32.10	47.30	2200		
33.10	47.10	2300		
34.10	46.40	2400		

9. 38.08	42.50	2500		
39.05	42.30	2510		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
3607	153	3200	36.0	15.5
6811	17	3300	15.0	17
1197	73L	3400	15.5	15.5
	251	3500		25.0
	544	3600		25.0
		3700		
		3800		
		3900		
		4000		

968

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	11	16		
50				
100	wire to test its strength			
200	11	11		
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Completed surveying 9-10
 leaving 9-11
 10-11-10
 Distance 1 mi 53 rods
 Thermometer failed to register

Log

No.

J. J. H. Col. Date 3 Sept 1899

Signed Machine. / Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
746 25	76.6	80466		
722 50	78.7	80470		
673 100	55.1	80451		
575 200	71.8	80476		
478 300	71.1	80479		
361 400	45.	80463		
221 500	76.5	80474		
111 600	76.4	80475		
74 700	71.9	80451		
57 800	76	80485		
700-				
1000				

REMARKS:

Down 1-32²⁰ C. in 1 min. - 2²⁰
Up 11-49²⁰

Sister Pax Log, 612

18 Date

Machine Reel.

Turns Cor. + 141 Depth 2883 fms.

Shot or lead 6 K 12

Bottom 19 A. Radiolarian

Bottom temperature 70° F. 60° C. 0° M.

No. of thermometer 60 Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	115	0		115, 10
	115.00	100	10.00, 10	115, 10
	115.30	200	10.00, 10	20, 10
	115.45	270	10.15, 10	10.15 - 20
	115.00	300		
		400		
		500		
		600		
113, 15	37.30	700		
114, 15	36.50	800		
115, 15	36.00	900		
116, 15	35.00	1000		
117, 20	33.50	1100		
118, 25	32.40	1200		
119, 30	31.30	1300		
120, 35	30.15	1400		
121, 40	29.00	1500		
122, 45	27.85	1600		
123, 50	26.70	1700		
124, 55	25.50	1800		
125, 60	24.30	1900		
126, 65	23.10	2000		
127, 70	21.85	2100		
128, 75	20.60	2200		
129, 80	19.30	2300		
130, 85	18.00	2400		

19. 1. 00	16.45	2500		
06. 40	14.1	2600		
08. 15	12.40	2700		
9. 17. 00	6.17. 00	2800		
		2900		
		3000		
		3100	3603	1153
		3200	143	1153
		3300	7861	1.41
		3400		2742
		3500		2883
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Just before taking
Buks in view
Wave propagation for taking a sound

10. 10.
10. 10.

No. 1 Date 4/15/190

Machine. 2 Reel. 100 ft.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
Sighter	Measure	8	1256	58
150	50 up	100	1300	1309
100	100 up	200	50	60
	200 48	300	1400	
200	200 98	400	50	60
	500 08	500	1500	1501
	200 99	600	50	60
	50 40	700	1600	16
400	400 99	800	50	1
	49	900	1700	
	50 090	1000	50	7
		1100		
	60-120	1200	5	
		1300		
	70 80	1400	50	80
	51	1500		
	80 1	1600	50	
	52	1700	2100	2133
	9 2	1800		
		1900		
	3	2000		
	224	2100		
1100	1105	2200		
		2300		
1200	1209	2400	50	2507

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Y
d
C
d

Concurrent
SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
2		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
4	2	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

4 Sept

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

Surface

W.H.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				2.15
800				
900				
1000				

REMARKS:

Set over at 7.03
Hauled in " 6.17
Bottom temp. 8.47
Hauled in 9.03

Cato 5%

No. 1003 Date Sept 99
 Machine. / Recl. Built Up
 Turns Cor. + 37 Depth 2690 fm.
 Shot or lead 60 fm. OK
 Bottom 14.00 m. 97.4
 Bottom temperature 76.2
 No. of thermometer 86.455 Cor.
 Corrected temperature

Air. 80 Surface 82 Drift
 Trawl or dredge Deep Sea Blakc.

SOUNDING WIRE.		TURNS, UP.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.00	15.30	0	8.00	15.00
9-20	20.00	100	30.00	00.00
10-30	34.00	200	60.00	01.20
13-53	03.10	300	30.00	50.00
11-40	12.30	400	30.00	16.10
	01.40	500	7.00	2.00
	60.00	600	44.00	11.40
	4.10	700	11.00	11.00
15-20	51.00	800	52.00	11.00
16-18	51.00	900	5.00	11.00
17-15	57.00	1000	5.00	11.00
	5.00	1100	10.00	11.00
19-17	11.00	1200	12.00	11.00
20-15	55.00	1300	06.40	11.00
21-20	1.00	1400	1.00	11.00
22-11	5.00	1500	1.00	11.00
23-11	4.00	1600	1.00	11.00
24-35	50.50	1700	30.00	10.10
26-10	1.00	1800	1.00	11.00
27-11	1.00	1900	1.00	11.00
28-06	48.00	2000	1.00	11.00
29-50	46.00	2100	1.00	11.00
31-05	16.00	2200	34.00	11.00
32-25	43.00	2300	37.30	11.00
33-45	41.10	2400	10.00	11.00

35.1	31.1	45.20	5.8	0
35.10	38.2	46.20	5.10	
		47.50	2.7	
		5	1.1	0
		58.1	11.1	
		59.5	12.1	
		61.40	10.3	
		64.10	6.9	
		66.50	0.6	
		68.00	2.1	0
		70.8	2.1	0
		72.5	1.4	0
		76.10	11.1	
		78.5	11.1	
		80.8	2.1	0
		81.30	-	
		86.50	0.6	
		91.8	2.1	0
		95.5	1.4	0
		10.31.50	-	
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Summer 1881 8-8-26
 July 27 Table 10.56
 5 months 10.56
 9-27.3
 0° 10° varying 10.16° from S. and 23° 50' from
 surface water.

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

~~Trawl or dredge~~

Surface

Dow

SOUNDING WIRE:

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

Drift 8.08 M
Bottom 8.29 M

Time 21 Minutes

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4414 Date Sept 7 1809
 Machine #1 Reel. 12
 Turns 2637 Cor. + 13.1 Depth 21-6 fms
 Shot or lead 0.6
 Bottom light
 Bottom temperature 80 46.6
 No. of thermometer 80 486.75 Cor.
 Corrected temperature
 Air 83 Surface 82 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3	11.25	0	7-51-0	24.40
4	12.25	100	55	24.0
5	11.25	200	58.10	22.10
6	10.25	300	10	10.20.20
7	9.25	400		
8	8.25	500	150 fms. and	
9	7.25	600	to surface	
10	6.25	700		
11	5.25	800		
12	4.25	900		
13	3.25	1000		
14	2.25	1100		
15	1.25	1200		
16	0.25	1300		
17	0.25	1400		
18	2.27	1500		
19	2.27	1600		
20	2.25	1700		
21	2.25	1800		
22	2.25	1900		
23	2.25	2000		
24	2.25	2100		
25	2.25	2200		
26	2.25	2300		
27	2.25	2400		

9.26.13	11	2500		
09.26.13	11	2600		
08.10.	11-15	2700		
		2800		
		2900		
		3000		
		3100		
		3200	36.2	15.2
		3300	36.2	15.2
		3400	36.2	15.2
		3500	36.2	15.2
		3600	36.2	15.2
		3700	36.2	15.2
		3800	36.2	15.2
		3900	36.2	15.2
		4000	36.2	15.2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Thermometers trapped off
immediate net over at 10.2° f.

10.18

J.W.H.
No. 8.00. Date Sept 7-94

Machine. Reel.

Turns Cor. +

Depth Surface

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface

Drift

Frawb or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		8.01		AM
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000		8.32		
1000		8.40	6.76	
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
2100				
2200				
2300				
2400				

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. N. C. 15 Date Sept. 3 1887
 Machine Reel. Div. 1000
 Turns 24415 Cor. + 135 Depth 2533 fms.
 Shot or lead 60' OK
 Bottom 50' S.C.D.
 Bottom temperature 79.5
 No. of thermometer 61764 Cor.
 Corrected temperature
 Air 72 Surface 79 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
18.00	14.10	0	49.10	34.30
19.25	13.40	100	52.31	26.10
20.05	12.45	200	56.40	16.30
20.51	12.50	300	58.13	16.830
21.30	10.55	400		
22.25	10.00	500	150	No. and
23.24	09.10	600	6	Surface
24.21	08.11	700		
25.17	07.30	800		
26.13	06.50	900		
27.00	05.60	1000		
27.87	04.71	1100		
29.08	03.40	1200		
29.95	03.35	1300		
31.15	01.30	1400		
32.00	00.20	1500		
32.80	59.10	1600		
34.35	58.01	1700		
35.40	57.40	1800		
36.54	56.20	1900		
38.10	55.00	2000		
39.00	53.30	2100		
41.00	52.05	2200		
42.25	50.25	2300		
44.10	48.30	2400		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

" in " 10-2450

Surface Tilt over at 10°.
" " " " " 10.15 "

but we will have to begin

NOT.

No.

Date.

Sept 8' 9

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge Surface tow net.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200	3° 28'	3Y
		300	136° 54'	7
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

at 8.01
H. m at 8.21

No. C. C. 16 Date 9 Sept 94.
 Machine Reel Buoy 11 ft
 Turns 2309 Cor. + 131 Depth 2440 fm
 Shot or lead 6 lb
 Bottom 11 fm
 Bottom temperature 72.45° (79°)
 No. of thermometer 30.470 2.5° Cor.
 Corrected temperature

Air 52 Surface Drift
 Trawl or dredge 312 m/min

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	56.38	0	9. 16.12	10. 20.16
	54.03	100	17.56	51.3
	52.56	200	23.15	51.6
	51.60	300	21.15	51.22
	50.37	400	27.45	2. 19.35
44.10	59.35	500		
	57.21	600		
	57.35	700		
	56.30	800		
	55.35	900		
	54.41	1000		
	53.34	1100		
	52.30	1200		
29.62	51.28	1300		
	51.5	1400		
25.50	49.10	1500		
26.15	48.00	1600		
	47.8	1700		
	46.70	1800		
30.01	43.45	1900		
28.35	42.2	2000		
30.45	41.17	2100		
34.15	39.30	2200		
35.50	36.40	2300		
36.01	36.18	2400		

250 fm. and
to surface

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
36 3	153	3400	36.3	153
301	22	3500	23.6	22
13.7	131	3600	13.7	131
	13.9	3700		
	14.0	3800		
	-	3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface temp. at 9-13
" " in 9-43

No.

Date

Sept 19 1911

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

Tanner Inter

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	7.15	28.
		100	7.20	24.
		200	7.24	21.
		300	7.28	15.
		400	31.5	13.
		500	35.2	8.10
		600		
		700	1° 45'	N
		800		
		900	137° 36' 28"	
		1000		
		1100		
Dredged at 350			max depth	
Open part 8000			max range	
In 1000 - 1300 at side			at side	
faulty; it		1400	was not	
satisfactory		1500	working	
Open part		1600	surface	
18 min after		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surf. net over at 720
 " " in at 740

No. B. 217 Date 19 Aug 1911
 Machine Reel. Built up
 Turns 2332 Cor. + 13.2 Depth 77 fms
 Shot or lead 6 lbs
 Bottom 47.4 fms
 Bottom temperature 47.9 47°
 No. of thermometers 50472 Cor.
 Corrected temperature
 Air 79 Surface 77 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.00	6.00	0	7- 23.5	7.00
13.13	13.13	100	13.13	13.13
20.13	20.13	200	20.13	16.13
27.13	27.13	300	3	13.0
34.13	34.13	400	34.00	10.13
41.13	41.13	500	35.50	0.13
48.00	48.00	600	48.00	0.00
54.88	54.88	700	40.00	15.00
61.75	61.75	800	41.00	5.10
68.63	68.63	900	45.5	5.1
75.50	75.50	1000	44.5	50-
82.38	82.38	1100	44.5	46.16
89.25	89.25	1200	46.5	42-
96.13	96.13	1300	47.5	42-
102.00	102.00	1400	48.5	3.5
108.88	108.88	1500	51.5	80.4
115.75	115.75	1600	51.5	27.5
122.63	122.63	1700	8. = 30	2.00
129.50	129.50	1752	02. -	2.00
136.37	136.37	1800	09.40	21.3
143.25	143.25	1900	11.30	1.00
150.13	150.13	2000	13.5	13.13
156.00	156.00	2100	15.5	13.13
162.88	162.88	2200	17.5	13.13
169.75	169.75	2300	26.5	0.4
176.63	176.63	2400	27.5	11.00

1470-177

2500		31.27	56.16	
2600		31.10	53.10	
2700		31.50	49.90	
2800		30.56	45.33	
2900		30.25	42.30	
3000		30.00	35.20	
3100		30.00	31.00	
3200		30.05	28.00	
3300		30.00	26.00	
3400		30.00	17.00	
3500		30.00	16.00	
3600		42.00	10.00	
3700				
3800				
3900				
4000				

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	30.0	Face		
200	30.0	Face		
300	30.0	Face		
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

5.12 Chestnut sand, 100 fms, 8-17°
 1000 fms bottom sand, 8-17°
 1000 fms sand, 85-87° 8-17°
 Chestnut sand, 100 fms
 1000 fms sand, 85-87°
 Chestnut sand, 100 fms

C. S. 26.9

No. B. A. 18 Date Oct. 13, 1901
 Machine Reel. Built up.
 Turns 2342 Cor. + 133 Depth 470 fms.
 Shot or lead 60 lbs. Oil
 Bottom St. gray lot of 250
 Bottom temperature 35°
 No. of thermometer Miller Casella Cor.

Corrected temperature

Air 8' Surface 60 Drift

Trawl or dredge - 100 m. above,

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
18.15	25.50	100	33.30	10.26.9
16.35	24.45	200	36.10	21.4
15.15	23.50	300	39.50	19.19
14.10	22.45	400	42.00	16.31
13.10	21.40	500	44.00	13.35
11.10	19.40	600	47.00	10.36
9.9	18.20	700	50.20	10.68.45
5.5	17.20	800	40.0 (mo. ant)	
3.6.15	16.	900	, to 100 fms. above	
3.1.15	14.5	1000		
3.1.15	13.15	1100		
3.1.15	12.15	1200		
4.0.35	11-10	1300		
4.2.15	10=	1400		
	08.50	1500		
	07.50	1600		
1.1.1	06.50	1700		
1.1.2	05.20	1800		
1.1.2	03.50	1900		
1.1.2	12.35	2000		
	0.01	2100		
	1.54.25	2200		
	57.30	2300		
	56.45	2400		

		2500	
		2600	
		2700	
		2800	
		2900)
		3000	
		3100	
3603	153	3200	
<u>2342</u>	<u>50</u>	3300	
<u>1761</u>	<u>153</u>	3400	
	<u>2342</u>	3500	
	2475	3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Latitude 55° N.
 Surface m. 9.38 ± 5
 Intermediate m. 9.58 ±

Sat Aug 26. 4

No. A 16.17 Date 13

Sewell Machine. Reel. Built by

Turns 2162 Cor. + 125 Depth 2237

Shot or heat

Bottom ~~Concrete~~ ^{Rock} ~~edge~~ ^{edge} ~~yellow~~ ^{yellow}

Bottom temperature 72°

No. of thermometer 801179 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11.06.33 56.10

0

07.35 55.50

100

08.22 54.10

200

09.12 53.30

300

10.00 52.45

400

11.45 51.50

500

12.37 50.15

600

13.35 49.20

700

14.31 48.10

800

15.35 47.20

900

16.40 46.20

1000

17.44 45.15

1100

18.48 44.05

1200

19.55 42.55

1300

21.05 41.35

1400

22.17 40.20

1500

23.7 39.10

1600

24.40 37.40

1700

25.54 36.10

1800

27.12 34.50

1900

28.30 33.18

2000

29.20 32.20

2100

2200

2300

2400

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
	153	3100	3603	153
	28	3200	2162	28
	125	3300	1441	125
	2162	3400		2162
	257	3500		2267
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns 2142 Cor. +, 125 Depth 2267

Shot or lead 63 fms.

Bottom

Bottom temperature 51.0

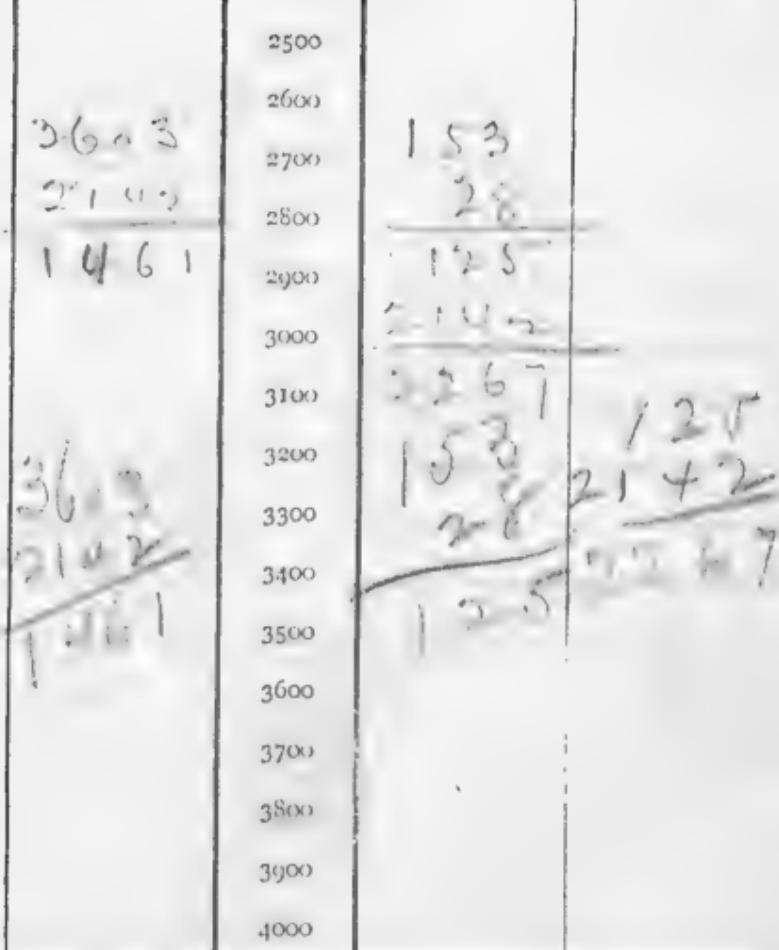
No. of thermometer 1111 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.70	3.11.45	0		
21.10	0910	100		
23.00	0815	200		
23.50	0725	300		
24.50	0635	400		
25.40	0540	500		
26.45	0455	600		
27.40	04-	700		
28.45	03.5	800		
29.45	02.10	900		
30.50	01.15	1000		
32.00	01.10	1100		
33.10	00-	1200		
34.20	00-	1300		
35.30	00-	1400		
36.55	5545	1500		
37.15	54.30	1600		
39.25	5325	1700		
40.35	5215	1800		
42.00	5100	1900		
43.25	4930	2000		
44.55	4730	2100		
45.50	47-	2200		
		2300		
		2400		



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1899 Date Aug 26, 1899
 Machine. Reel. Splice 37 fms
 Turns Cor. + Depth
 Shot or lead 7 2715 "
 Bottom 8 3870 "
 Bottom temperature 9 4444
 No. of thermometer Cor.
 Corrected temperature X record machine
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000	11/2	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800	2	
		1900		
		2000		
		2100		
		2200	2 1/2	
		2300		
		2400	3 1/2	
	5967			

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50			11	
100			12	
200			13	
300			14	
400	14.1-0	1176	14	14.1
500				
600	14.5-0	1234 1/2	15 1/2	14.5
700				
800	14.5-0	1282 1/2	17 1/2	14.5
900				
1000	13.0-0	1282 1/2	17 1/2	13.0

REMARKS:

19 4 6
19 6 0

No. Date

Machine. Recl.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
measuring		0		
1350	1331	100		
		200		
1400	1379	300		
		400		
	1352	500		
		600		
1500	1477 1/2	700	12 1/2	
		800		
		900	29 1/2	
		1000		
1600	1571	1100	29	
		1200		
1650	1531	1300	27 1/2	
		1400		
1700	1514 1/2	1500	26 1/2	
		1600		
		1700		
		1800		
		1900	32 1/2	
		2000		
		2100	34 1/2	
		2200		
1750	1515 1/2	2300	37	
		2400		

	<i>Sagitar</i>	2500	
1000	19.11°/w	2600	31°
		2700	
		2800	40°
		2900	
	24.4	3000	41°
		3100	
2000	20.5°/w	3200	41°
		3300	
1500	21.03°/w	3400	41°
		3500	
2500	21.51°/w	3600	
		3700	
2000	21.21	3800	41°
		3900	
2500	21.77°/w	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	19.11°/w		-0.5	
50	20.5°/w		-0.5	
100				
200	21.03°/w		-0.5	
300				
400	21.51°/w		-0.5	
500				
600	21.21		-0.5	
700				
800	21.77°/w		-0.5	
900				
1000			6.6	

REMARKS:

5° 11' 30"
26.32°
26.6°

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

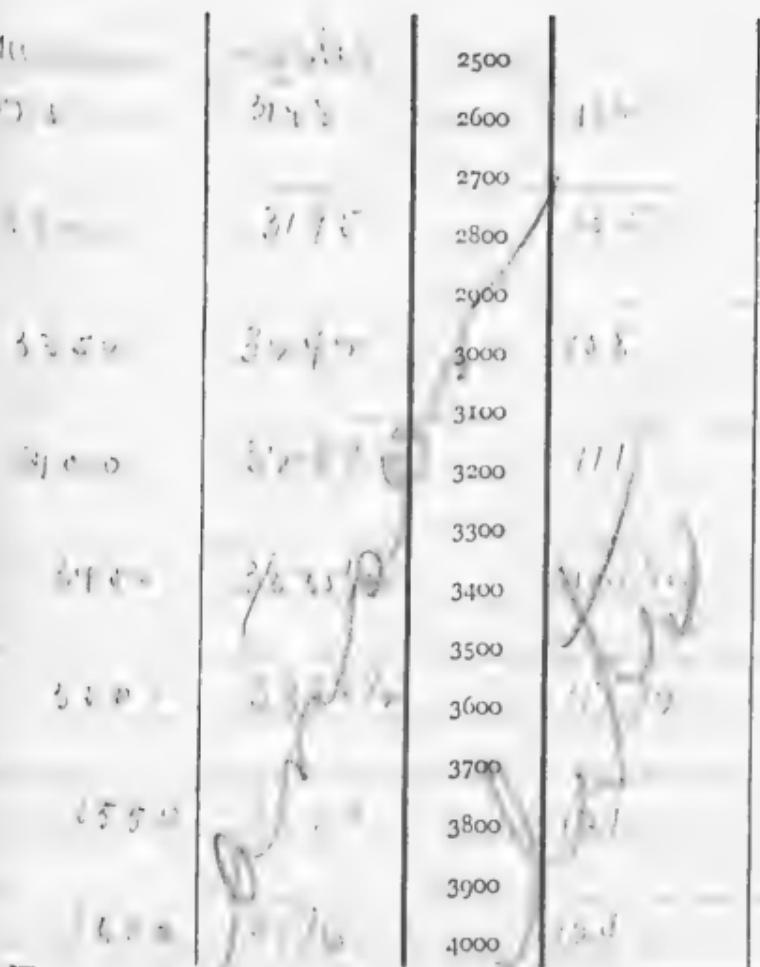
No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2640	2581	100	6 9	
2700	2626	200		
2750	2675 1/2	300	7 1	
		400		
		500	7 4 1/2	
		600		
		700	7 1/2	
		800		
		900	9 1/2	
		1000		
		1100	8 1/2	
		1200		
		1300	5	
		1400		
	2712 1/2	1500	87 1/2	
		1600		
	2759	1700	90 1/2	
		1800		
	2807	1900	1 3	
		2000		
	3053 1/2	2100	76 1/2	
		2200		
	3100 1/2	2300	79 1/2	
		2400		



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	50	36	7	
100				
200	70	361.2	5.7	
300				
400	70	361.2	5.7	
500				
600	60	360.3	7	
700				
800	60	361.9	7	
900				
1000	60	361.9	7	

REMARKS:

81
30
47 1200
100

No.

Date

Machine. Recl.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

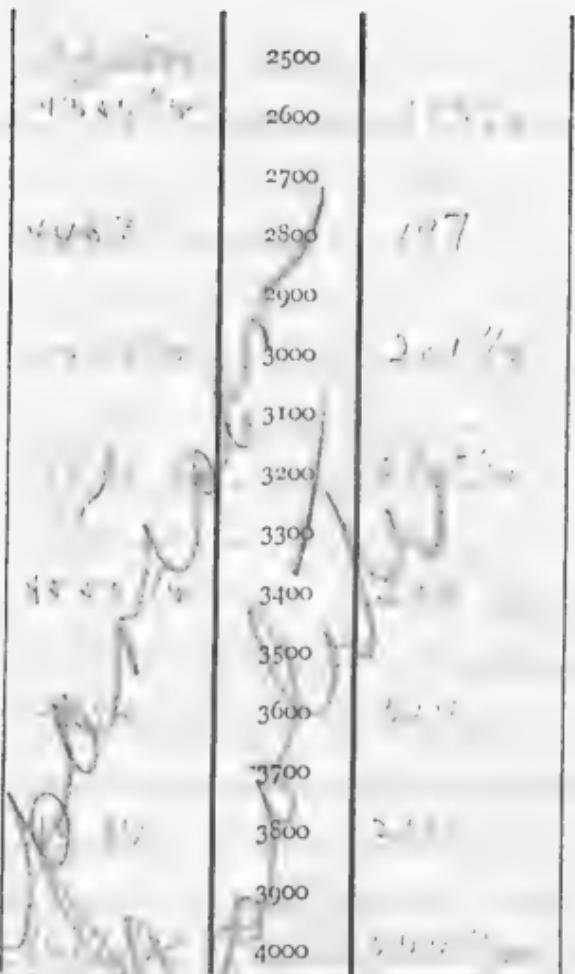
No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300	164 1/2	
		1400		
		1500		
		1600		
16 6 0	41 7 6 1/2	1700	164 1/2	
8 3 5 0	41 7 2 1/2	1800	177 1/2	
9 9 6 0	43 1 0	1900		
		2000		
		2100		
		2200		
9 5 6 0	43 1 1	2300	189	
		2400		



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200		47.8 1/2	1.7	
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Oat Log 56.1

No. A 6221

Date 1/2 1906

Machine. Recl.

Turns 2062 Cor. + 121 Depth 2163

Shot or lead 60 m. C

Bottom 35°. 60 fms., 70 m. The part

Bottom temperature 38°. 10°. 70 fms. 70 m. egg

No. of thermometer 10451 Cor.

Corrected temperature

Air 77 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 35.15	22 =	0		
36.10	20.55	100		
37.05	20.05	200		
38.00	19.5	300		
39.45	18.25	400		
40.31	17.30	500		
41.27	16.3	600		
42.2	15.10	700		
43.5	14.15	800		
	13.5	900		
45.2	12.45	1000		
46.15	11.40	1100		
47.20	10.35	1200		
48.5	09.30	1300		
49.25	08.25	1400		
50.45	07.2	1500		
51.5	06.10	1600		
53.0V	05 =	1700		
54.20	03.40	1800		
55.30	02.30	1900		
56.40	01.35	2000		
57.50	6.50.40	2062 2100		
		2200		
		2300		
		2400		

152		2500
3603	153	2600
206	32	2700
1541	121	2800
	262	2900
	2183	3000
3603	153	3100
206	32	3200
1541	121	3300
	262	3400
	206	3500
	183	3600
	21	3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Tot. 6000 ft. 71° 5'

No. 6000 22 Date

Machine. Reel.

Turns 18.27 Cor. + 112 Depth 103.9 fms

Shot or lead 300 OK

Bottom Coarse grit

Bottom temperature 80°

No. of thermometer 80.45 Cor. —

Corrected temperature

Air 81 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.10	59.50	0		
	58.05	100		
20.	59.55	200		
21.10	56.45	300		
21.50	50.85	400		
22.30	51.35	500		
22.50	52.40	600		
22.60	51.50	700		
	50.05	800		
	49.57	900		
	48.41	1000		
	47	1100		
	46	1200		
2.30	45.05	1300		
2.35	43.40	1400		
3.3.30	42.30	1500		
3.3.40	41.20	1600		
3.4.50	40.15	1700		
3.6.00	39	1800		
36.20	38.35	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

$$\begin{array}{r}
 200.0 \\
 -182.7 \\
 \hline
 17.3
 \end{array}
 \quad
 \begin{array}{r}
 153 \\
 -41 \\
 \hline
 112
 \end{array}
 \quad
 \begin{array}{r}
 182.7 \\
 -17.3 \\
 \hline
 165.4
 \end{array}$$

$$\begin{array}{r}
 36.9 \\
 -18.2 \\
 \hline
 18.7
 \end{array}
 \quad
 \begin{array}{r}
 16.8 \\
 -4.1 \\
 \hline
 12.7
 \end{array}
 \quad
 \begin{array}{r}
 18.7 \\
 -12.7 \\
 \hline
 6.0
 \end{array}$$

$$\begin{array}{r}
 10.2 \\
 +4.9 \\
 \hline
 15.1
 \end{array}$$

$$\begin{array}{r}
 71.8 \\
 -36.9 \\
 \hline
 34.6
 \end{array}$$

~~4750~~ ~~7603~~
~~209~~ ~~3751~~
~~4600~~ ~~151~~
~~3849~~

~~3950~~
~~147~~
~~3903~~

~~3500~~
~~117 1/2~~
~~382 - 4~~

~~4350~~
~~177 1/2~~
~~4172 - 4~~

~~4650~~
~~201 1/2~~
~~3900~~
~~144 1/2~~
~~4448~~
~~201 1/2~~
~~37 1/2~~
~~3400~~
~~111~~
~~3287~~

~~4650~~
~~201 1/2~~
~~197 1/2~~
~~450~~
~~4150~~
~~162 1/2~~
~~60 68~~
~~398 7/4~~
~~4050~~
~~155 1/2~~
~~3894~~
~~3610~~
~~127~~
~~3523~~
~~4600~~
~~1973~~
~~443450~~
~~114 1/2~~
~~3332 - 4~~

~~4650~~
~~201 1/2~~
~~4448~~
~~4480~~
~~169 1/2~~
~~419~~
~~3750~~
~~133 1/2~~
~~3476~~
~~630 1/2~~
~~3700~~
~~680 1/2~~
~~3567 1/2~~

~~4950~~
~~213~~
~~4723~~
~~4480~~
~~1419~~
~~421~~
~~4100~~
~~1542~~
~~394~~
~~3616~~
~~4463~~
~~1926~~
~~4186~~
~~4186~~
~~3850~~
~~141~~
~~3769~~
~~137~~
~~3623~~
~~4600~~
~~1973~~
~~4400~~
~~1973~~
~~3400~~
~~137~~
~~4600~~
~~1973~~
~~600~~

~~4650~~
~~201 1/2~~
~~4450~~
~~1642~~
~~4250~~
~~169 1/2~~
~~4090~~
~~250~~
~~4700~~
~~201 1/2~~
~~4594~~
~~1267~~
~~4500~~
~~184~~
~~431~~

~~4600~~
~~1973~~
~~4450~~
~~1642~~
~~4250~~
~~169 1/2~~
~~4090~~
~~250~~
~~4700~~
~~201 1/2~~
~~4594~~
~~1267~~
~~4500~~
~~184~~
~~431~~

$$\begin{array}{r} 275^{\circ} \\ 74^{\circ} 12' \\ \hline 247^{\circ} 52' \end{array} \quad \begin{array}{r} 14^{\circ} 0' \\ 20' \\ \hline 187^{\circ} 9' 2'' \end{array} \quad \begin{array}{r} 345^{\circ} \\ 10' 2'' \\ \hline 3148^{\circ} 50' \end{array}$$

$$\begin{array}{r} 265^{\circ} \\ 69' \\ \hline 258' \end{array} \quad \begin{array}{r} 175^{\circ} \\ 30' 12' \\ \hline 1719' 2'' \end{array} \quad \begin{array}{r} 14^{\circ} 0' \\ 21' \\ \hline 1427' \end{array} \quad \begin{array}{r} 195^{\circ} \\ 35' 2'' \\ \hline 1911' 2'' \end{array}$$

$$\begin{array}{r} 330^{\circ} \\ 100' \\ \hline 319' \end{array} \quad \begin{array}{r} 15^{\circ} 0' \\ 22' 4'' \\ \hline 1477' 2'' \end{array} \quad \begin{array}{r} 285^{\circ} \\ 79' 42' \\ \hline 277' \end{array} \quad \begin{array}{r} 30^{\circ} 0' \\ 99' \\ \hline 29^{\circ} 2' \end{array}$$

$$\begin{array}{r} 290^{\circ} \\ 51' 4'' \\ \hline 281' 8'' \end{array} \quad \begin{array}{r} 155^{\circ} \\ 24' 12' \\ \hline 2452' 2'' \end{array} \quad \begin{array}{r} 16^{\circ} 0' \\ 26' \\ \hline 157' 4'' \end{array} \quad \begin{array}{r} 17^{\circ} 0' \\ 29' 2'' \\ \hline 187^{\circ} 2'' \end{array}$$

$$\begin{array}{r} 318^{\circ} \\ 93' \\ \hline 300' 7' \end{array} \quad \begin{array}{r} 165^{\circ} \\ 27' 12' \\ \hline 162' 2'' \end{array} \quad \begin{array}{r} 300^{\circ} \\ 93' \\ \hline 299' 12' \end{array}$$

$$\begin{array}{r} 140^{\circ} \\ 23' 42' \\ \hline 1747' 2'' \end{array} \quad \begin{array}{r} 4550^{\circ} \\ 219' 12' \\ \hline 4537' \end{array} \quad \begin{array}{r} 190^{\circ} \\ 37' \\ \hline 19^{\circ} 9' 2'' \end{array}$$

$$\begin{array}{r} 180^{\circ} \\ 18' 12' \\ \hline 18' \end{array} \quad \begin{array}{r} N54^{\circ} 12' \\ 34' \\ \hline 186' 3'' \end{array} \quad \begin{array}{r} 210^{\circ} \\ 44' 12' \\ \hline 204' 8' 2'' \end{array}$$

$$\begin{array}{r} 200^{\circ} \\ 87' 12' \\ \hline 2912' 2'' \end{array} \quad \begin{array}{r} 50^{\circ} \\ 44' \\ \hline 44' 8' \\ \hline 2018' \end{array} \quad \begin{array}{r} 245^{\circ} \\ 49' \\ \hline 220' \end{array}$$

$$\begin{array}{r} 210^{\circ} \\ 46' 12' \\ \hline 2103' 2'' \end{array} \quad \begin{array}{r} 242^{\circ} \\ 46' 12' \\ \hline 214' 12' \end{array} \quad \begin{array}{r} 305^{\circ} \\ 90' 12' \\ \hline 29^{\circ} 9' 2'' \end{array}$$

$$\begin{array}{r} 220^{\circ} \\ 55' 12' \\ \hline 2247' 2'' \end{array} \quad \begin{array}{r} 235^{\circ} \\ 55' 12' \\ \hline 2294' 2'' \end{array} \quad \begin{array}{r} 243^{\circ} \\ 57' \\ \hline 234' 2'' \end{array} \quad \begin{array}{r} 320^{\circ} \\ 99' 12' \\ \hline 31200' 2'' \end{array}$$

$$\begin{array}{r} 245^{\circ} \\ 59' 12' \\ \hline 2390' 2'' \end{array} \quad \begin{array}{r} 245^{\circ} \\ 64' 12' \\ \hline 2495' 2'' \end{array} \quad \begin{array}{r} 250^{\circ} \\ 3200' 2'' \\ \hline 2438' \end{array}$$

$$\begin{array}{r} 260^{\circ} \\ 66' \\ \hline 2534' \end{array} \quad \begin{array}{r} 250^{\circ} \\ 76' 12' \\ \hline 2723' 2'' \end{array} \quad \begin{array}{r} 295^{\circ} \\ 55' \\ \hline 2869' 34' 0'' \end{array} \quad \begin{array}{r} 320^{\circ} \\ 99' 12' \\ \hline 31200' 2'' \end{array}$$

$$\begin{array}{r} 3657 \\ 2606 \\ \hline 1051 \end{array} \quad ?$$

$$\begin{array}{r} 315^{\circ} \\ 96' 12' \\ \hline 3653' \end{array} \quad \begin{array}{r} 143 \\ 9 \\ \hline 134 \end{array}$$

~~30000~~ 30000
99 99 350 7 4
~~29000~~ 29000
94 94 3 10 2 10 2 10 2
~~35500~~ 35500
115 115 9 11 2 11 2 11 2
~~313~~ 313
~~36000~~ 36000
34100 34100 34600 34600
31000 31000 36000 36000
~~30500~~ 30500
~~30940~~ 30940
~~1028~~ 1028 5750 5750
94 94 130 130
~~43500~~ 43500
197 197 5750 5750
~~4153~~ 4153 130 130
~~29500~~ 29500
96 96 120 120
~~2853~~ 2853
~~31500~~ 31500
157 157 4680 4680
36920 36920 172 172
~~3977~~ 3977 3977 3977
39 39 39 39
~~38500~~ 38500
157 157 3977 3977
~~36920~~ 36920 3977 3977
~~3977~~ 3977 3977 3977
39 39 39 39
~~34000~~ 34000
40000 40000 40000 40000
169 169 176 176 176 176
~~3831~~ 3831 3923 3923 3923 3923
~~43200~~ 43200 43200 43200
131 131 131 131
~~4100~~ 4100 4100 4100
176 176 176 176
~~3923~~ 3923 4013 4013 4013 4013
5 5 5 5
~~3737~~ 3737 2700 2700 2700 2700
~~4050~~ 4050 2619 2619
72 72 12 12
~~3977~~ 3977 0 0
~~4250~~ 4250 0 0
112 112 0 0
~~4061~~ 4061 0 0
101 101 0 0
~~3700~~ 3700 0 0
114 114 0 0
~~3778~~ 3778 0 0
114 114 0 0